|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S2–** Adapted Newcastle-Ottawa Scale Quality Assessment of included studies (n = 22). | | | | | | | | | | |
|  | **Cohort and Clinical trials** | | | | | | | | |  |
| **Author (year)** | **Selection** | | | | **Comparability** | **Outcome** | | | | **Total** |
| **Representativeness of the cohort** | **Selection of the non-exposed** | **Ascertainment**  **of exposure** | **Outcome not present at start of study** | **Comparability of design or analysis** | **Assessment of outcome** | **Follow-up long enough** | **Loss of follow-up** | **Statistical test** |
| Kumpulainen et al. 1985 | + | + | + | + | ++ | + | + | + | + | 10 |
| Alfthan et al. 1986 |  | + | + | + | + | + | + |  | + | 7 |
| Kumpulainen et al. 1987 | + | + | + | + | + | + | + | + | + | 9 |
| Litov et al. 1989 | + | + | ++ | + | + | + | + | + | + | 10 |
| McGuire et al. 1993 | + | + | + | + | + | + | + | + | + | 9 |
| Johnson et al. 1993 |  | + | + | + | + | + | + |  | + | 8 |
| Darlow et al. 1995 | + | + | + | + |  | + | + | + | + | 8 |
| Jochum et al. 1995 | + | + | + | + | + | + | + | + | + | 9 |
| Daniels et al. 1996 | + | + | ++ | + | ++ | + | + | + | + | 11 |
| Trafikowska et al. 1998 | + | + | + | + | + | + | + |  | + | 8 |
| Sievers et al. 2001 | + | + | + | + |  | + | + |  |  | 6 |
| Strambi et al. 2004 | + | + | ++ | + | ++ | + | + |  | + | 10 |
| Daniels et al. 2008 | + | + | ++ | + | + | + | + | + | + | 10 |
| Sakamoto et al. 2012 |  | + | + | + | + | + | + |  | + | 7 |
|  |  | | | | | | | | |  |
|  | **Cross-sectional** | | | | | | | | |  |
|  | **Selection** | | | | **Comparability** | **Outcome** | | | |  |
|  | **Representativeness of the sample** | **Sample size** | **Comparison group** | **Ascertainment of the exposure** | **Confounding factors are controlled** | **Assessment of outcome** | | **Statistical test** | |  |
|  |  |  |  |  |  |  | |  | |  |
| Hatano et al. 1985 | + | + | + | ++ | + | + | | + | | 9 |
| Rossipal et al. 1995 |  |  |  | ++ | + | + | | + | | 6 |
| Daniels et al. 2000 | + | + | + | ++ | + | + | | + | | 9 |
| Muntau et al. 2002 | + | + | + | ++ | + | + | | + | | 9 |
| Tzusuki et al. 2013 | + | + | + | ++ | ++ | + | | + | | 10 |
| Diana et al. 2019 | + | + | + | ++ | + | + | | + | | 9 |
|  | **Case-Control** | | | | | | | | |  |
|  | **Selection** | | | | **Comparability** | **Exposure** | | | |  |
|  | **Is the case definition adequate?** | **Representativeness of the cases** | **Selection of controls** | **Definition of controls** | **Comparability of cases and controls on the basis of the design or analysis** | **Ascertainment of exposure** | **Same method of ascertainment for cases and controls** | **Non-respose rate** | |  |
| Loui et al. 2008 | + | + | ++ | + | + | + | + | + | | 8 |
| Nassi et al. 2009 | + | + | ++ | + | + | + | + | + | | 8 |